



Dart Hawkesbury  
1270 Aberdeen St Hawkesbury, ON K6A 1K7 Canada  
Tel (613) 632-5200

## Purchasing Receipts

PO No	Supplier	Line Item No	Ref No	Terms	Purchased Item	Description	For Part No	Project	Equipment ID	Order Qty	Due Date	Received Quantity	Accounting Job No	Serial No	Status	Receive Date	Price/Unit	Aging Days	Past Due
PO038987	DIV001-VU	1	1	Net 30	M7075T6S4.500X5.000	7075-T6S Sheet 4.500" Thick X 5.000" Wide : MATERIAL: 7075-T6/T62/T651 ALUMINUM SHEET AS PER QQ-A-250/12 OR AMS-QQ-A-250/12 OR AMS 4045 OR ASTM B209 receive ft				24	2/21/2018	24		S044211	Stock	2/21/2018	\$ 146.31 / ft	0	
										Total:	24	24							

Plex 2/21/2018 12:39 PM Dart.Dubois.Pascal



14 Connor Lane, Deer Park, NY 11729 Tel: 631.761.6200 Fax: 631.761.6201

Customer PO #
PO038987

Order Date
02/08/18

SP
AB

Sales Order Number	45312
Invoice Date	2/14/2018
Invoice Number	65565

Ship To:
DART AEROSPACE LTD. 1270 ABERDEEN STREET HAWKESBURY, ON K6A 1K7 CANADA

# Pkg.	1 BUNDLE
Weight	740 LBS

Ship Date	Shipped Via	Test Reports
2/14/2018	JOURNEY FRT	Y

Item #	Order Qty	U/M	Description	Qty Shipped	Bal. on Order
1	24	FT	7075-T651 AMS QQ-A-250/12, ASTM B209 5" X 4.5" X 72" LONG 4 PIECES MILL: KAISER LOT #: 644123A2	24	0

PACKING LIST  
CERTIFICATE OF COMPLIANCE  
We certify that the materials described above conform to the specifications stated.

Cathie Vail  
Quality Control Manager

## **Chantal Lavoie**

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**From:** Anthony Burmeta <anthony@dipmetals.com>  
**Sent:** Thursday, February 08, 2018 8:25 AM  
**To:** Chantal Lavoie  
**Subject:** RE: quote

**Importance:** High

Chantal,

We can offer cut from plate. Please see our offer below:

7075-T6  
4.5" x 5" x 6 Feet Long  
2 Pcs - PRICE: \$907.50 Each    151.25.  
4 Pcs - PRICE: \$877.88 Each    146.31

Ships within 1 Week ARO  
FOB Deer Park NY 11729  
All Material is Subject to Prior Sale & Availability

Kindest Regards,  
Anthony

*Anthony Burmeta*  
**DIVERSIFIED INDUSTRIAL PRODUCTS (AS 9100 & ISO 9001 Certified)**  
**14 CONNOR LANE, DEER PARK NY 11729**  
**(631) 761-6200 EXT 110**  
**anthony@dipmetals.com**

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**From:** Chantal Lavoie [mailto:[clavoie@dartaero.com](mailto:clavoie@dartaero.com)]  
**Sent:** Thursday, February 08, 2018 8:05 AM  
**To:** Anthony Burmeta  
**Subject:** quote

Good morning Anthony,  
Please advise price an delivery on mat'l.

7075t6 plate or bar 4.5" x 5 " x 12 ft 2 pcs of 6 ft

Thanks  
Chantal

**Chantal Lavoie**  
*Purchasing Coordinator*

DART AEROSPACE  
T 1 613 632-5200  
F 1 613 632-1053  
E [clavoie@dartaero.com](mailto:clavoie@dartaero.com)  
1 800 556-4166



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Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200

**PURCHASE ORDER  
PO038987**

<b>Supplier:</b>	DIV001-VU Diversified Industrial Products 14 Connor Lane Deer Park, NY 11803 USA Phone: 516 822 8300 Fax: 516 822 8332	<b>PO No:</b>	PO038987
		<b>PO Date:</b>	2/8/18
		<b>Due Date:</b>	2/21/18
		<b>Purchase Order Revision:</b>	
		<b>Revision Date:</b>	
<b>Ship To:</b>	1270 Aberdeen Street Hawkesbury ON K6A 1K7 Canada Phone: 613-632-5200	<b>Ship-To Contact:</b>	Lacelle, Linda Phone: llacelle@dartaero.com
		<b>Via:</b>	Ground
		<b>Pymt Terms:</b>	Net 30
		<b>Freight Terms:</b>	
		<b>Special Comments:</b>	

E-MAILED  
FEB 04 2018

## Items

### **Order Notes**

- Procurement Quality Clauses
  - A005 right of entry
  - A012 chemical and physical test report
  - A016 personnel qualification
  - A017 raw material identification (as applicable)
  - A026 certification of material conformance
  - A041 quality management system
  - A042 dart notification by supplier
  - A043 retention of quality documents
  - A048 counterfeit parts avoidance, detection, mitigation and disposition program

[Terms & Condition of Purchasing\(Suppliers\) and Procurement Quality Clauses](#) are an integral part of our AS9100 requirements. To learn in detail, please visit [AS9100 Quality Management System](#).

## MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M707576 S4.500 x 5.000

DATE: FEB 21 2018

PO / BATCH NO.: 038987 / SC44211

MATERIAL CERT REC'D: YES  
 QUANTITY RECEIVED: 241  
 QUANTITY INSPECTED: 241  
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 4.500  
 THICKNESS RECEIVED: 4.500  
 SHEET SIZE ORDERED: 11A  
 SHEET SIZE RECEIVED: 11A

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT FINISH	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORROSION	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT MATERIAL PER M-DRAWING	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT THICKNESS	<input checked="" type="radio"/> Y <input type="radio"/> N	
PHOTO REQUIRED	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> X <input type="radio"/> N	Heat # 644123A2
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y <input type="radio"/> N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	<input checked="" type="radio"/> Y <input type="radio"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	<input checked="" type="radio"/> Y <input type="radio"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	WEBSTER

*testers located in the Quality Office*

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>DAS</u> <u>11</u>	SIGNED OFF BY: _____
DATE: <u>9-89 FEB 21 2018</u>	DATE: _____

**Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in**

# SPECIFICATION CONTROL DRAWING

8      7      6      5      4      3      2      1

**A** PURCHASE MATERIAL: 7075-T6/T62/T651 ALUMINUM SHEET OR PLATE  
**SPECIFICATION:** *45* QQ-A-250/12 OR AMS-QQ-A-250/12  
 OR AMS-4049  
 OR ASTM B209

**B** PURCHASE MATERIAL: 7075-T6/T62/T651 ALCLAD ALUMINUM SHEET OR PLATE  
**SPECIFICATION:** *45* QQ-A-250/13 OR AMS-QQ-A-250/13  
 OR AMS 4048 / 4049  
 OR ASTM B209

**C** PART NUMBER:  
 M7075T6S | **TTT** | X | **W.WWW** |  
 | THK | X | WIDTH |

WHERE "TTT" = THICKNESS (IN INCHES), OPTIONAL., FOR SPECIFYING CUT PLATE)  
 AND "W.WWW" = WIDTH (IN INCHES)

EG. 0.063" THICK SHEET = M7075T6S.063  
 EG. 3.5" WIDE BY 0.500" THICK PLATE = M7075T6S.500X3.500

**D** PREFERRED SIZE:  
 .TTT BY 4FT BY 10FT FOR SHEET

**RELEASED**  
*2017 JUN 19 Q*  
 ECN 17-574

**APPROVED**

B	ADD REF TO PLATE, "T651" TEMPER, AMS 4048, OPTIONAL WIDTH DIM (CAR16-149)		CP	17.05.05
A	NEW ISSUE		RF	10.11.08
<b>REV.</b>				
DESIGN	RF	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA		
DRAWN	CP	DRAWING NO. <b>M7075T6S</b>	REV. B	
CHECKED	ML		SHEET 1 OF 1	
MFG. APPR.	LL		SCALE	
APPROVED	WM	TITLE <b>7075-T6 SHEET/PLATE SPEC</b>	NTS	
DE APPR.	<b>D-</b>			
DATE	<b>17.05.05</b>			
COPRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS THE PROPERTY OF DART AEROSPACE LTD AND IS NOT TO BE COPIED OR COMMUNICATED TO ANY OTHER PERSON UNLESS EXPRESSLY AUTHORIZED IN WRITING BY DART AEROSPACE LTD				

<b>SHIP TO:</b>
DIVERSIFIED INDUSTRIAL PRODUCTS 14 CONNOR LANE DEER PARK, NY 11729
<b>SOLD TO:</b>
DIVERSIFIED INDUSTRIAL PRODUCTS 14 CONNOR LANE DEER PARK, NY 11729

**KAISER**  
**ALUMINUM**  
Trentwood Works - Spokane, WA 99215  
Phone: (800) 367-2586

### CERTIFIED TEST REPORT

Serial Number  
4301657

CUSTOMER PO NUMBER:		WORK PACKAGE:	CUSTOMER PART NUMBER:		SHIP RUN/LOAD:		GOVT CONTRACT NUMBER:			
89001					102670/8					
KAISER ORDER NO:	LINE ITEM:	SHIP DATE:	ALLOY:	CLAD:	TEMPER:	PRODUCT DESCRIPTION:				
1154635	1	25-JUN-2013	7075	BARE	T651	Kaiser Select® Plate				
WEIGHT SHIPPED:	QUANTITY:	TRUCK BILL #: 2042873	GAUGE: 5.0000 IN (122.0000 MM)	DIAMETER/WIDTH: 48.500 IN (1231.9 MM)	LENGTH: 146.500 IN (3721.1 MM)					
14294 LB	4 PCS EST.									

MHU 1692889: LOT 644123A2: 1 pieces;  
MHU 1692890: LOT 644123A2: 1 pieces;  
MHU 1692916: LOT 644153A9: 1 pieces;  
MHU 1692918: LOT 644153A9: 1 pieces;

#### Certified Specifications

AMS 4045/RevK

AMS-QQ-A-250/12

ASTM B 209/Rev10

Test Code: 1512

#### Test Results

Lot: 844123A2 Cast 540

Drop 12

Ingot 3

Melted in USA

(ASTM E8/E8557)  
(EN 2002-1)

Tensile:	Temper	Dir / # Tests	Ultimate KSI (MPA)	Yield KSI (MPA)	Elongation %
	T651	LT / 2 (Min:Max)	66.8 : 68.8 (461 : 474)	49.1 : 53.7 (339 : 370)	10.7 : 10.8

(ASTM E1251)

Chemistry:	Si	FE	CU	MN	MG	CR	ZN	TI	V	ZR	OTHER
Actual(wt%)	0.08	0.19	1.4	0.05	2.4	0.18	5.7	0.03	0.01	0.02	TOT 0.05

DIVERSIFIED INDUSTRIAL PRODUCTS CORP.  
CERTIFY THIS A TRUE COPY OF THE  
MILL TEST REPORT USED TO FILL YOUR  
ORDER.

Company DART AEROSPACE  
PO# PO038987  
Our Inv. # 65565  
Qty. 24 FT  
Part # QQ-A-250/12  
QC Dept. Cathie Vail  
Cathie Vail



Trentwood Works - Spokane, WA 99215  
Phone: (800) 367-2586

## CERTIFIED TEST REPORT

Serial Number  
4301657

Lot: 644153A9 Cast 540 Drop 12 Ingot 1 Melted In USA

(ASTM E8/B557) (EN 2002-1)		Dir / # Tests LT / 2 (Min:Max)	Ultimate KSI (MPA)		Yield KSI (MPA)		Elongation %	
Tensile:	Temper		67.1 : 67.3 (463 : 464)	49.5 : 50.8 (341 : 350)	10.7 : 10.8	10.7 : 10.8	10.7 : 10.8	10.7 : 10.8

(ASTM E1251)		Si	FE	CU	MN	MG	CR	ZN	TI	V	ZR	OTHER	MAX
Chemistry:	Actual(wt%)	0.08	0.19	1.4	0.05	2.4	0.19	5.7	0.03	0.01	0.02	TOT	0.05

### ALLOY LIMITS

7075		Si	FE	CU	MN	MG	CR	ZN	TI	V	ZR	OTHER	MAX
MIN(wt%)	MAX(wt%)	0.00	0.00	1.2	0.00	2.1	0.18	5.1	0.00	0.00	0.00	EACH	0.05
Aluminum Remainder		0.40	0.50	2.0	0.30	2.9	0.28	6.1	0.20	0.05	0.05	TOT	0.15

### CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC (Kaiser) hereby certifies that metal shipped under this order was melted in the United States of America or a qualifying country per DFARS 225.572-1(a), was manufactured in the United States of America, and meets the requirements of DFARS 252.225 for domestic content. This material has been inspected, tested and found in conformance with the requirements of the applicable specification as indicated herein. For material thicknesses outside specification limits, mechanical properties are as shown herein and chemical composition meets specification requirements. All metal which is solution heat treated complies with AMS 2773. Any warranty is limited to that shown on Kaiser's standard general terms and conditions of sale. Test reports are on file, subject to examination. Test reports shall not be reproduced except in full, without the written approval of Kaiser Aluminum Fabricated Products, LLC laboratory. The recording of false, fictitious or fraudulent statements or entries on the certificate may be punished as a felony under federal law. ISO-9001:2000 certified.

JAMES HEMENWAY, LABORATORIES SUPERVISOR

Page 2 of 2